

- 37a. Field Name - Water Shipping Name
b. Output Header - WATER SHIPPING NAME
c. Definition - This is the proper shipping name for water shipments from either the General Index in **Volume** IV of the Dangerous Goods Code of the International Governmental Maritime Consultative Organization (**IMCO**) or 49 **CFR** 172.101.
* d. Explanation - If the item is not regulated by either DoT or **IMCO** a "N/A" will appear in the field. See items 43 and 44 of this section for an **explanation of** which shipping name is in the field.
- 38a. Field Name - Water Class
b. Output Header - CLASS
c. Definition - This is the hazard class for water shipments from either
* the IMCO Regulations or 49 CFR 172.101.
d. Explanation - This field may be left blank if the item is not regulated by this mode. See items 43 and 44 of this section for an explanation of which class (from DoT or **IMCO**) is in the field. If the term "MULTIPLE HAZARD" is in
* the field refer to Additional Data for a listing of the hazard classes.
- 39a. Field Name - Water Label
b. Output Header - LABEL
c. Definition - This is-the label specified in 49 CFR 172.101 and the IMCO Regulations.
d. Explanation - This field may be left blank if the item is not regulated by this mode. See items 43 and 44 of this section for an explanation of which label (from DoT or **IMCO**) is in the field.
- 40.a. Field Name - UN Number
b. Output Header - UN NO
c. Definition - This is the United Nations (UN) Number referenced in the IMCO Regulations. It is assigned according to the proper shipping name.
d. Explanation - This field may be left blank if the item is not regulated by this mode or if no UN Number has been assigned to **the** shipping name.
- 41.a. Field Name - UN Class
b. Output Header - UN CLASS
c. Definition - This is the UN Class assigned to a specific shipping name as referenced in **the** General Index of the **IMCO** Regulations.
d. Explanation - This field may be left blank if the item is not regulated by this mode.
- 42a. Field Name - Ammunition Compatibility Group
b. Output Header - COM GP
c. Definition - This is the compatibility group for ammunition as defined for Explosives, UN **Class** 1, in the IMCO Regulations and as defined in DoD Standard 5154.4S.
d. Explanation - This data field may be left blank if it does not apply to the item.

43a. Field Name - DoT Indicator

b. Output Header - DoT

c. Definition - This is a "YES" or "NO" entry indicating whether the item is regulated under DoT for water shipments.

d. Explanation -

(a) If a "YES" is in both the DoT Indicator field (item 43) and the IMCO Indicator field (item 44) then the item is regulated by both 49 CFR and **IMCO**. The proper shipping name, class, and label shown is from the IMCO Regulations. If it is necessary to substitute the most appropriate DoT Class for the **IMCO** Class as specified in 49 CFR 171.12, then the DoT Class in item 34 may be used.

(b) If a "NO" is in the DoT Indicator field and a "YES" is in the **IMCO** Indicator field then the item is regulated only **by IMCO** and the shipping name, class and label shown is **from** the IMCO Regulations.

(c) If a "YES" is in the DoT Indicator field and a "NO" is in the IMCO Indicator field then the item is regulated by DoT for water shipments but not by IMCO. The shipping name, class and label is from Title 49.

44a. Field Name - **IMCO** Indicatorb. Output Header - **IMCO**

c. Definition - This is a "YES" or "NO" entry indicating whether the item is regulated under IMCO for water shipments.

d. Explanation - The explanation given for item 43 applies.

45a. Field Name - Tariff 6D Shipping Name

b. Output Header - TARIFF 6D SHIPPING

c. Definition - This is the proper shipping name listed in Section II of the Official Air Transport Restricted Articles Tariff 6D (Civil Aeronautics **Board** Regulation No. 82).

d. Explanation - This field applies only if there is an additional carrier imposed restriction over and above Title 49. A "N/A" will appear in the field if there are not additional restrictions and Tariff 6D does not apply. However, a "N/A" in this field does not mean the item is not regulated for air under DoT regulations.

46a. Field Name-Tariff 6D **Class**

b. Output Header - CLASS

c. Definition - This is the hazard class specified in Section II of Tariff 6D.

d. Explanation - This field may be left blank if it does not apply to the item. If the term "MULTIPLE HAZARDS" is in the field refer to Additional Data for a listing of the hazard classes.

*

47a. Field Name - Tariff 6D Label

b. Output Header - **LABEL**

c. Definition - This is the label specified in Section II of Tariff 6D.

d. Explanation - This field may be left blank if it does not apply to the item.

48a. Field **Name-IATA** Shipping Name

b. Output Header -. IATA SHIPPING NAME

c. Definition - This is the proper shipping name from Section IV of the regulations of the International Air Transport Association (**IATA**) .

d. Explanation - If the item is not regulated **by** this mode, "N/A" will appear in the field.

49a. Field Name - IATA Class

b. Output Header - CLASS

c. Definition - This is the-hazard class specified in Section IV of the IATA Regulations.

* d. Explanation - This field may be left blank if it does not apply to the item. If the term "MULTIPLE HAZARDS" is in the field refer to Additional Data for a listing of the hazard classes.

50.a. Field Name - IATA Label

b. Output Header - LABEL

c. Definition - This is the label specified in Section IV of the IATA Regulations.

d. Explanation - This field may be left blank if it does not apply to the item.

51.a. Field Name - IATA Article Number

b. Output Header - IATA ARTICLE NO

c. Definition - This is the 4 digit number assigned to each shipping name in Section IV of the IATA Regulations.

d. Explanation - This field may be left blank if it does not apply to the item.

52a. Field Name - AFR 71-4 Shipping Name

b. Output Header - AFR 71-4 SHIPPING NAME

c. Definition - This is the shipping name specified in Table 4-1 of AFR 71-4, TM38-250, NAVSUP PUB 505, MCO P4030.19D, DLAM 4145.3, Preparation of Hazardous Materials, for Military Air Shipment.

d. Explanation - If the item is not regulated by this mode, "N/A" will appear in the data field.

53a. Field Name - AFR 71-4 Class

b. Output Header - CLASS

c. Definition - This is the hazard class listed in **Table** 4-1 of AFR 71-4.

* d. Explanation - This field may be left blank if it does not apply to the item. If the term "MULTIPLE HAZARDS" appears in the field refer to Additional Data for a listing of the hazard classes.

54a. Field Name - AFR 71-4 Label

b. Output Header - LABEL

c. Definition - This is **the lable** specified in Table 4-1 of AFR 71-4.

d. Explanation - This field may be left blank if it does not apply to the item.

* 54.1.a. Field Name - Material Management Aggregation Code (**MMAC**)

b. Output Header - MMAC

c. Definition - This code is used **to** associate an NSN to a particular weapons system or special program.

d. Explanation - This field may be left blank if it does not apply to the item.

- 55a. Field Name - Additional Data
- b. Output Header - ADDITIONAL DATA
- c. Definition - This data field includes any unique data (especially transportation data) which applies. This field can **contain overflow** data that exceeds the space limitation allowed for the other data elements.
- d. Explanation - None

3.3.2.1.2 Detailed Listing of Frame 2 Data Elements. Below **is** a list of the data elements on Frame 2 of the Total Hazardous Information List Output. The **actual** output format is shown in section 3.3,3.1.1.

1. a. Field Name - **NSN/Local Stock Number (ACN)**
 - b. Output Header - NSN
 - c. Definition - This field consists of the National Stock Number (**NSN**), the Local Stock Number, Activity Control Number, or a Focal Point **Assigned** Stock Number. This last number is identified by the seventh position containing the same letter as the focal point indicator. It is used when an item does not have an NSN or Local Stock Number assigned but is desirable to retain the data in **the** system. This number was devised purely as a means of inputting the data to the system and serves no other purpose.
 - d. Explanation - None
- 2a. **Field Name** - Action Code
 - b. Output Header - ACT CD
 - c. Definition - This is a one-position code to indicate whether the data is an add, change or delete.
 - d. Explanation - An "A" in the field means the data for that particular **NSN/LSN**, FSCM and P/N Indicator was input for the first time. An "A" **will** appear to the left of the NSN.
 A "C" in the field means that a particular data element was changed for a specific NSN/'LSN, FSCM, P/N Indicator already **in** the system. When a particular data element is changed since the last publication an asterisk (*) will appear immediately to the left of that data element for this one publication only. Also, a "C" **will** appear to the left. of the NSN.
 A " D" in the field means that the NSN/LSN, FSCM, P/N Indicator was deleted because it was not hazardous and was not supposed to be in the system. The phrase "THIS ITEM DELETED BECAUSE OF ERRONEOUS DATA" will appear in the Additional Data and Supplemental Data Fields.
- 3a. **Field Name** - Date
 - b. Output Header - DATE
 - c. Definition - This *is* the date that the focal point reviewed the data and input it to the system. It is used to determine the general age of the data.
 - d. Explanation - The **julian** date format is used.
- 4.a. **Field Name** - Page Number
 - b. Output Header - PAGE NR
 - c. Definition - This is the computer assigned **entry** for the particular frame. The computer automat **ically** counts **the number of** frames-of entry .
 - d. Explanation - None
- 5.a. **Field Name** - Boiling Point
 - b. Output Header - **BOILING POINT**
 - c. Def init ion - The temperature at which liquids boil at a pressure of '760 millimeters of mercury (mmHg).
 - d. Explanation - The boiling point can be shown in degrees F and/or degrees C as indicated. If a boiling point range applies, the range in degrees F will appear in the field and the boiling point range in degrees C will appear in supplemental data.

- 6a. Field Name - Vapor Density
- b. Output Header - VAP DEN/AIR=1/
- c. Definition - The relative density or weight of a vapor or gas (with no air present) compared with an equal volume of air.
- d. Explanation - None

- 7.a. Field Name - Volubility in Water
- b. Output Header - SOL IN H2O
- c. Definition - The ability or tendency of one substance to blend uniformly with another (in this case, water). The following terms can be used to describe the solubility.

Negligible - Less than 0.1 percent
 Slight - 0.1-1 percent
 Moderate - 1-10 percent
 Appreciable - More than 10 percent
 Complete - In all proportions
 The data may also be expressed numerically.

- d. Explanation - None

- 8.a. Field Name - Flash Point
- b. Output Header - FLASH POINT
- c. Definition - The temperature in degrees F and in degrees C at which a liquid will give off enough flammable vapor to ignite when a spark or flame is applied.
- d. Explanation - The data may be expressed in degrees F and/or degrees C. If the data consists of a range, the range in degrees F will be in the data field and the range in degrees C in supplemental data. The abbreviation for the test method is included in the data field as shown below:

TCC - Tag Closed Cup
 PMCC - Pensky-Martens Closed Cup
 SCC - Setaflash Closed Cup
 Toc - Tag Open Cup
 Coc - Cleveland Open Cup
 cc - Closed Cup (method not specified)
 OC - Open Cup (method not specified)

- 9.a. Field Name - Vapor Pressure
- b. Output Header - VAP PRESS/MM HG/70 F/
- c. Definition - The pressure in millimeters of mercury (MMHG) at 70 degrees F of a vapor in equilibrium with its liquid or solid form.
- d. Explanation - None

- 10. a. Field Name - Threshold Limit Value (TLV)
- b. Output Header - TLV
- c. Definition - The TLV is a guide based upon the best available information established by the American Conference of Governmental Industrial Hygienists for concentrations of airborne substances in workroom air. They include both time weighted averages based on conditions which it is believed workers may be repeatedly exposed to day after day without adverse effects. The TLVS also include short term ceiling concentrations for certain chemicals. The TLVS are intended to serve as guides

for use by professional industrial hygienists in the control of health hazards, rather than definitive marks between safe and dangerous concentrations. The data field is the TLV for the entire mixture or compound.

d. Explanation - The units of the data are included in the field. They are:

MPPCF - Millions of particles per cubic foot of air.
MG/CUM - Milligrams of particulate per cubic meter of air.
UG/CUM - Micrograms of particulate per cubic meter of air.
PPM - Parts per million of air by volume.
F/CUM - Fibers per cubic meter of air.
F/CC - Fibers per cubic centimeter of air.

For ceiling or skin notation, the TLV is preceded with a "C" or "S".

11. a. Item Name - Storage Compatibility Code

b. Output Header - STORAGE CODE

c. Definition - The storage compatibility code is one of a number of codes which is **assigned to an NSN, FSCM, P/N** that categorizes it for storage purposes. The items are then stored in such a manner that compatible items are stored next to one another and incompatible items are separated by a specific space or firewall.

d. Explanation - This item will be entered only by the DLA focal point at this **time**. The coding structure, definitions etc., **will be written** in a DLA Regulation. It is intended **that** eventually the storage compatibility coding system will be presented **to the** DoD Community for adoption DoD wide.

12. a. Field Name - Appearance and Odor

b. Output Header - APPEARANCE AND ODOR

c. Definition - This is a description of the physical state of the material and any characteristic odor.

d. Explanation - None

13. a. Field Name - Lower Explosive Limit

b. Output Header - **LEL/PCT**

c. Definition - The lower range of gas or vapor concentrations (percent by volume in air) at which the gas or vapor will burn or explode if an ignition source is present. Knowledge of the LEL will aid in determining the volume of ventilation needed for an enclosed space to prevent fires and explosions.

d. Explanation - For multiple sets of limits, a note will be included in the supplemental data field.

14. a. Field Name - Upper Explosive Limit

b. Output Header - **LEL/PCT**

c. Definition - The upper range of gas or vapor concentrations (percent by volume in air) at which the gas or vapor will burn or explode if an ignition source is present.

d. Explanation - For multiple sets of limits, a note will be included in the supplemental data field.

15. a. Field Name - Specific Gravity

b. Output Header - **SP GR**

c. Definition - The ratio of the weight of a volume of the material to an equal volume of water at 68 degrees F (20 degrees C). This determines whether the material floats or sinks in water.

d. Explanation - None

- 16.a. Field Name - Percent Volatile by Volume
 - b. Output Header - PCT VOLT BY VOL
 - c. Definition - The percentage of the liquid or solid by volume that evaporates at the ambient temperature of 70 degrees F (21.1 degrees C). This also applies to solids such as **naphthalene**. Specifically, the vapor pressure of a component divided by its mole fraction in the liquid or solid state applies.
 - d. Explanation - None -
17. a. Field Name - Evaporation Rate Per Reference
 - b. Output Header - **EVAP** RATE PER REFERENCE
 - c. Definition - The ratio of the evaporation rate of the material to that of either **Butyl** Acetate or **Diethyl** Ether.
 - d. Explanation - The referenced chemical will be included in the field.
- 18.a. Field Name - Effects of Overexposure
 - b. Output Header - EFFECTS OF OVEREXPOSURE
 - c. Definition - The most common sensations that the exposed person will feel, and his appearance.
 - d. Explanation - None
19. a. Field Name - Net Propellant Weight for Ammunition
 - b. Output Header - NET PROP **WT-AMMO**
 - c. Definition - This is the net weight of the propellant ingredient of an explosive. It is not to be confused with the aerosol propellant nor is it to be confused with the Net Explosive Weight.
 - d. Explanation - Units are included in the data field.
20. a. Field Name - Net Explosive Weight
 - b. Output Header - NET EXP WT
 - c. Definition - The total weight of all active explosive components of an explosive which includes primary explosives, secondary explosives, pyrotechnics, and propellants.
 - d. Explanation - The units will be included with the data.
21. a. Field Name - Stability
 - b. Output Header - STABLE
 - c. Definition - This is a "YES" or "NO" field which indicates if the material is stable or unstable under reasonably foreseeable conditions of storage, use or misuse.
 - d. Explanation - None
- 22a. Field Name - Conditions to Avoid (because of Instability)
 - b. Output Header - CONDITIONS TO AVOID
 - c. Definition - This field tells what type of conditions may cause a dangerous reaction (Example-shock from **dropping**, temperature above **150** degrees F, et c).
 - d. Explanation - None
23. a. Field Name - Incompatibility y (Materials to Avoid)
 - b. Output Header - MATERIALS TO AVOID
 - c. Definition - This field includes information on such common materials and contaminants with which the product may reasonably come into contact, to produce a reaction which would release large amounts of energy and create hazardous conditions.

d. Explanation - This data **element** should not be confused with the storage compatibility code which is item No. 11 in this section.

24a. Field Name - Hazardous Polymerization Occur?

b. Output Header - **HAZ** POLYMERIZATION OCCUR

c. Definition - **This** is a "YES" or "NO" entry which indicates if a reaction will take place in which polymers" are formed at such a rate that large amounts of energy are released.

d. Explanation - None

25.a. Field Name - Conditions to avoid (because of Hazardous Polymerization)

b. Output Header - CONDITIONS TO AVOID

c. Definition - This field lists those reasonably fore seeable storage conditions which would start polymerization. The expected time period in which the inhibitors may be used up can be included.

d. Explanation - None

26a. Field Name - Auto Ignition Temperature

b. Output Header - AUTO **IGN** TEMP

c. Definition - The minimum temperature required to initiate or cause self-sustained combustion in any substance in the absence of a spark or flame.

d. Explanation - The units of "F" or "C" will be included in the data field.

27a. Field Name - Viscosity

b. Output Header - VISCOSITY

c. Definition - The internal resist ante to flow exhibited by a fluid.

d. Explanation, - The field will include the units and the temperature at which the data applies. The unit abbreviations are "CP" for Centipoise, "P" for Poise, and "SUS" for **Saybolt Universal Seconds**. The temperature units are degrees "1?" and "C".

28. a. Field Name - Coast Guard Ammunition Code

b. Output Header - CG AMMO CD

c. Definition - This is a three-position code consisting of two numeric and one alpha which is used to describe and classify military explosives so that they can be stowed aboard ship in a safe and compatible manner. The codes are described in 46 CFR 1.46 .z9-100.

d. Explanation - For purposes of this data system, the numeric characters will be shown as **arabic** numerals rather than roman numerals to conserve file space.

29 .a. Field Name - Hazardous Decomposition Products

b. Output Header - HAZARDOUS DECOMPOSITION PRODUCTS

c. Definition - These are the hazardous materials that are produced in dangerous amounts by burning, **oxidat** ion, or by heating in welding. Thermal **de-compo** sit ion products such as Carbon Monoxide (CO), Carbon Dioxide (CO₂), and **Hydro-chloric** Acid from Vinyl Chloride Plastics are examples.

d. Explanation - None

30. a. Field Name - Extinguishing Media

b. Output Header - EXTINGUISHING MEDIA

c. Definition - This field contains the fire fighting media suitable for use on the burning material. These include water, foam, carbon dioxide, dry chemical, etc.

d. Explanation - None

31. a. Field Name - Special Fire Fighting Procedures
 b. Output Header - SPECIAL FIRE FIGHTING PROCEDURES
 c. Definition - This field will state if water is unsuitable and will specify any other fire fighting media to be used.
 d. Explanation - None
32. a. Field Name - Unusual Fire and Explosion Hazards
 b. Output Header - UNUSUAL FIRE/EXPLOSION HAZARDS
 c. Definition - This field specifies any unusual fire and explosion hazards and special conditions that govern them.
 d. Explanation - None
33. a. Field Name - Protective Gloves
 b. Output Header - PROTECTIVE GLOVES
 c. Definition - These are the types of gloves that are used to protect personnel against the handling of corrosive and or toxic materials such as acids, pesticides, etc.
 d. Explanation - None
34. a. Field Name - Emergency and First Aid Procedures
 b. Output Header - EMERGENCY FIRST AID PROCEDURES
 c. Definition - These procedures describe what emergency and first aid procedures should be used in the event of inhalation, skin or eye contact and oral ingestion. The victim should be examined by a doctor as soon as possible after exposure.
 d. Explanation - None
35. a. Field Name - Respiratory Protection
 b. Output Header - TYPE OF RESPIRATORY PROTECTION
 c. Definition - Refers to the personal protection equipment used to protect the wearer from inhalation of contaminated atmosphere. Examples are chemical cartridge respirators, dust respirators, etc.
 d. Explanation - None
36. a. Field Name - Ventilation
 b. Output Header - VENTILATION
 c. Definition - The basic ventilation methods are local exhaust ventilation, and dilution or general ventilation. Dilution or general ventilation consists of general ventilation of a workroom so structured that the contaminants released into the atmosphere are continuously diluted by the introduction of uncontaminated air to levels to which a worker can safely be exposed for 8 hours a day. It is usually applied to the control of low toxicity contaminants. A local exhaust system is used to carry off an air contaminant by trapping it near its source.
 d. Explanation - None
37. a. Field Name - Eye Protection
 b. Output Header - EYE PROTECTION
 c. Definition - The eye protection equipment is used for protection of the eyes against acid splashes, chipping, welding, and other eye-hazard jobs. Examples include industrial safety glasses, chemical goggles, full face shield% etc.
 d. Explanation - None

- 38.a. Field Name - Other Protective Equipment
b. Output Header - OTHER **PROTECTIVE EQUIPMENT**
c. Definition - This is additional equipment that is worn by the worker to prevent exposure or contact with hazardous chemicals. Examples include **suits** or boots made of **natural rubber, neoprene , or vinyl; safety shoes , ear Protection and hard hats.**
d. Explanation - None
- 39.a. Field Name - Handling and Storage Precautions
b. Output Header - HANDLING/STORAGE PRECAUTIONS
c* Definition - This field includes any special precautions to be taken in storage and handling to avoid reaction hazards.
d. Explanation - None
- 40.a. Field Name - Spill and Leak Control Procedures
b. Output Header - SPILL AND LEAK CONTROL
c* Definition - This field addresses what should be done on an emergency basis **to control the** spill or leak. These procedures can include any applicable precautions for the avoidance of breathing gases and vapors; contact with **liquids** and solids , removing sources of **ignition**, and special equipment and personal protective **equipment required** for cleanup, such as ' glass or plastic scoops **and** respiratory **devices.**
d. Explanation - None
- 41.a. Field Name - Waste Elimination (Waste Disposal Method)
b. Output Header - WASTE ELIMINATION
c. Definition - This field addresses what should be done with the material that was used to control' the spill or leak and has become contaminated. It is **not** long range disposal methods or procedures which will be addressed in the Disposal Section.
d. Explanation - None
- 42.a. Field Name - Other Precautions
b. Output Header - OTHER PRECAUTIONS
c. Definition - This section includes any unique additional precautions that must be taken for **any** specific item.
d. Explanation - None
- 43 .a. Field Name - Supplemental Data
b. Output Header - SUPPLEMENTAL DATA
c. Definition - This data field will contain any unique **nonrepetitive** data which is developed by the focal **point** and is not a data element on the **MSDS.**
d. Explanation - This field can contain overflow data that exceeds the allowed space in the other data fields. It will also contain any additional hazardous components over and above the five most hazardous in an **item.** Also, it can contain such data as the types, classes and grades of a specification.

3 ● ye 202 Restricted Hazardous Information **List, DoD 6050.5-L.**

A. It is considered necessary to delete selected data elements from the output in order to comply with Freedom of Information **requests** and to restrict the data from **Government** personnel who do not have a need to know manufacturer's proprietary data.

The ability to guarantee to a manufacturer that his data will not fall into a competitors hands is crucial to our ability to obtain the complete data in the first place.

B. Thus when a manufacturer marks his data as proprietary, the focal points will put a "YES" in the proprietary indicator **field**. When this happens the computer will delete from the output the data for certain selected data elements. It will only do it for those **NSN/LSN, FSCM**, P/N indicators marked with a "YES". The data elements to be deleted are as follows:

1. The **NIOSH** Code for each of the five most hazardous components.
2. **The** chemical name of each of the five most hazardous components.
3. The percent of each **of** the five most hazardous components.
4. The Threshold Limit Value for each of the five most **hazardous** components.
5. The formula.
6. Supplemental Data.

c. The output format is shown in section 3.3.3.1 .2.

3.3.2.3 Cross-Reference List

A. The **Cross-Reference** List will enable the user to determine the **NSN/LSN** when only the Part Number and the manufacturer is **known**.

B. The output **will** consist of three columns as shown below:

<u>Part Number</u>	<u>Manufacturer</u>	<u>NSN/LSN</u>
Scrub-Away	Johnson Products	6850-00-123-4567

The P/N is listed alphabetically and in numerical sequence. When there are duplicate **P/Ns** the **manufacturer's** names will be listed alphabetically. This output **will** be distributed on separate fiche along with the **Total** and Restricted Hazardous Information List. The output format is shown in section 3.3.3.1.3.

3.3.2.4 Error Reject List

A. There are two types of error rejects that will be sent only to the focal points. The purpose of these outputs is to indicate which **NSN/LSN, FSCM, P/N** Indicators were not accepted by the computer with the reasons noted. There **will** be a reject for items added to the Safety Data File via the Addendum worksheet and MSDS , and a reject for items added to the Transportation Data File via the Transportation Data Sheet. **There will** be a separate pair of rejects for each focal **point** with that focal point indicator listed at the top. The output **will** then consist of five columns of data which include the NSN (or LSN), the **FSCM**, the Part Number Indicator, the Action Code under which the item was submitted and a clear text error message which tells why the computer would not accept the input. This output occurs because certain edit criteria are built into the program so that as much quality control as possible can be imposed on the data input. The output formats for the error rejects list are shown in section 3.3.3.2.1.

B. Below is a list of the error messages that are sent to the focal points:

1. " INVALID ADD - ITEM IS ALREADY IN MASTER FILE" - This means that a particular NSN/LSN, FSCM, and P/N Indicator is already in the master file. The data

Should have been input as a **change** rather than an add.

2. "INVALID CHANGE - ITEM IS NOT IN MASTER FILE" - This means that a particular **NSN/LSN, FSCM**, and P/N Indicator was not in the master file. The data should have been input as an add rather than a change.

3. "INVALID DELETE - ITEM IS NOT IN MASTER FILE" - This means that a particular **NSN/LSN, FSCM**, and P/N Indicator was not in the master file, so it could not have been deleted.

* 3.3.2.5 **Weekly Update List**. The weekly update list is sent to the focal points and is in the same format as DoD 6050.5-LR except. it is on paper. It shows the data for the **NSN/LSN, FSCM**, P/N Indicators for each focal point that was input to the system during the week. The purpose of this output is to allow the focal points to verify that the data was entered correctly and to use this output as reference between quarterly editions of the microfiche that are sent to the field. The output format for the weekly update list is shown in section 3.3.3.2.2.

3.3.2.6 Special Interrogation Replies

* 3.3.2.6.1 **By Hazard Class for each Mode of Transportation**. The output is the result of a computer search and match of those NSN, FSCM, P/N Indicators that contained the specific data element in one of the five transportation hazard classes. The output will show the Interrogating Focal Point (the one that requested the data) and the data element interrogated. Below this will be a listing of the NSN, the **FSCM**, the part number indicator and the focal point indicator of the activity that input the data (managing focal point). If no focal point indicator is shown, then the data is for all items in file that matched the interrogated data element. Also available will be the total file record for every NSN in file for which any FSCM and P/N Indicator matched the element interrogated. The output of the total file record will be the same as DoD 6050.5-LR except the header at the top of page 1 will be "SPECIAL INTERROGATION" instead of "HAZARDOUS ITEM". Also, below the Additional Data Section will appear a section entitled "INTERROGATION REPLY DATA". This section will contain fields labeled "INTERROGATING FOCAL POINT" and "DATA ELEMENT INTERROGATED". This second field will contain the hazard class header and the specific class that was interrogated (Example - DATA ELEMENT INTERROGATED: TARIFF 6D CLASS: FLAMMABLE LIQUID). The output formats are shown in section 3.3.3.2.3.1.

* 3.3.2.6.2 **By Hazard Ingredient**. The output is the result of a computer search and match of those NSN, FSCM, P/N Indicators that contain a specific **NIOSH** Code (which represents a hazardous ingredient). The output will show the Interrogating Focal Point (the one that requested the data) and the data element interrogated. Below this will be a listing of the NSN, the **FSCM**, The Part Number Indicator and the Focal Point Indicator of the activity that input the data (managing focal point). If no focal point indicator is shown, then the data is for **all items** in file that matched the interrogated data element. Also available will be the total file record for every NSN in file for which any FSCM and P/N Indicator matched the element interrogated. The output of the total file record will be the same as DoD 6050.5-LR except the header at the top of page 1 will be "SPECIAL INTERROGATION" instead of "HAZARDOUS ITEM". Also, below the Additional Data Section will appear a section entitled "INTERROGATION REPLY DATA". This section will contain fields labeled "INTERROGATING FOCAL POINT" and "DATA ELEMENT INTERROGATED". This second field will contain the **NIOSH** Code Header and the specific **NIOSH** Code that was interrogated (Example - DATA ELEMENT INTERROGATED: NIOSH CODE: CY1400000). The output formats are shown in section 3.3.3.2.3.2.

3.3.2.6.3 By Storage Compatibility Code (Storage Code). This **output is the** result of a computer search and match of those NSN, **FSCM**, P/N Indicators that contained a specific Storage Compatibility Code. The output will show the Interrogating Focal Point (the one that requested the data) and the data element interrogated. Below this will be a listing of the NSN, the **FSCM**, the Part Number Indicator, and the Focal Point Indicator of the managing focal point. If no focal point indicator is shown, then the data is for all items in **the** file that matched the interrogated data element. Also available **will** be the total file record for every NSN in file for which any FSCM and P/N Indicator matched the element interrogated. The output of the total **file** record will be the same as **DoD 6050.5-LR** except the header at the top of page 1 will * be "SPECIAL INTERROGATION" **instead** of "HAZARDOUS ITEM". Also, below the Additional Data Section **will** appear a section entitled "INTERROGATION REPLY DATA". This section will contain **fields** labeled "INTERROGATING FOCAL POINT" and "DATA ELEMENT INTERROGATED". This second field will contain the Storage Code Header and the specific storage code that was interrogated (Example - DATA ELEMENT INTERROGATED: STORAGE CODE: F2). The output formats are shown in section 3.3.3.2.3.3.

3.3.2.6.4 By Specification. This output is the result of a computer search and match of those NSN, **FSCM**, P/N Indicators that contained a specific Specification Number. The output will show the Interrogating Focal Point (the one that requested the data) and the data element interrogated. Below this will be listing of the NSN, the **FSCM**, the Part Number Indicator, and the Focal Point Indicator of **the** activity that input the data (managing focal point). If no focal point indicator is **shown**, then the data is for all items in file that matched the interrogated data element. Also available **will** be the total file record for every NSN in file for which any FSCM and P/N Indicator matched the element interrogated. The output of the total file record * will be the same as **DoD 6050.5-LR** except the header at the top of page 1 **will be** "SPECIAL INTERROGATION" instead of "HAZARDOUS ITEM". Also, below the Additional Data Section **will** appear a **section** entitled "INTERROGATION REPLY DATA". This section will contain **fields** labeled "INTERROGATING FOCAL POINT" and "DATA ELEMENT INTERROGATED". This second field will contain the Specification Header and the specific specification number that was interrogated (Example - DATA ELEMENT INTERROGATED: SPECIFICATION : **MIL-C-45678**) . The output formats are shown in section 3.3.3.2.3.4.

3.3.2.6.5 NIIN Inquiry (200 or less NSNs) *

A. This output is simply the total file output of **all FSCMs** and Part Number Indicators associated with the NSN interrogated. This output is utilized when a focal point wants a total file output on paper of a specific list of NSNs rather than **DoD 6050.5-LR** on microfiche. The output format is shown in section 3.3.4.2.3.5. For * interrogations of more than 200 **NSNs**, see section 4.4.

B. The output would be the same as **DoD 6050.5-LR** except the header at the * top of page 1 will be "SPECIAL INTERROGATION" instead of "HAZARDOUS ITEM". Also, below the Additional Data Section will appear a section entitled "**INTERROGATION REPLY DATA**". This section **will** contain fields labeled "INTERROGATING FOCAL POINT" and "DATA ELEMENT INTERROGATED" . This second field will contain the **NIIN** Inquiry Header and **the** NSN that was interrogated (Example - DATA ELEMENT INTERROGATED: **NIIN INQUIRY: 6850-00-125-7368**).

3.3.2.6.6 Freedom of Information Act (FOI) Requests. FOI requests will be in the same output as the Restricted Hazardous Information List discussed in section 3.3.2.2.

3.3.3 output Formats

3.3.3.1 Microfiche and Tape Outputs

* 3.3.3.1.1 DoD 6050.5-LR. The next-two (2) pages show the format of frames 1 and 2 of DoD 6050.5-LR. The data shown are for illustration purposes. The asterisks (*) will appear when that specific data element is changed since the last publication. If an item is not on the quarterly, the user should refer to the basic publication for the latest data. The output will be on microfiche. Tape outputs are available by special request (see section 4.3).

GCL . * * HAZARDOUS ITEM .."
N S N FSCM MGR F P IND PN IND PART NUMBER/TRADE NAME ACT CD DATE PAGE NR
6650-00.126-7366 62166 CX D A SCRUB-AWAY A 78364 1

PROPRIETARY ● YES MANUFACTURER ● JOHNSON PRODUCTS INC EMERGENCY TELE NO ● (212) 736-1718
● CLEANING COMPOUND ITEM NAME UI ● CN UI * 1 GAL CONTAINER QTY TYPE OF CONT ● METAL NET UNIT WT ● 8.60 LB MAG/MILGAUS N/A EXEMPTION NO ● N/A
● N/A AEROSOL PROPELLANT SPECIFICATION ● MI L-C-43616
RADIOACTIVITY ● NIA FORM ● NIA TR GP *N/A NRC LIC NUMBER "N/A CHEMICAL NAME ● N/A CHEMICAL FAMILY ● ALh*LI FORMULA ● NIA

. HAZARDOUS COMPONENTS
NIOSH NO CHEMICAL NAME PCT T L V
● TT2100000 POTASSIUM HYDROXIDE 30 2MG/CUM
WB4905000 SODIUM HYDROXIDE 10 2MG/CUM
VZ4050000 SODIUM CARBONATE 10 UNKNOWN
VZ2276000 SODIUM METABORATE 10 UNKNOWN
BO0875000 AMMONIA 20 25 PPM

. TRANSPORTATION DATA
DOT SHIPPING NAME: ● COMPOUND, CLEANING' LIQUID
CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE MODE: ● N/A ID NO: NA1760 RQ: ● NO
WATER SHIPPING NAME: ● CLEANING COMPOUNDS, LIQUID, CORROSIVE
CLASS: 'CORROSIVE MATERIAL LABEL: ● CORROSIVE UN NO: ● 1768 UN CLASS: ● 8 COM GP: ● N/A DOT: YES IMCO: * YES
TARIFF 6-D SHIPPING: *N/A
CLASS: *N/A LABEL: ● N/A
IATA SHIPPING NAME: ● COMPOUNDS, CLEANING, LIQUID, CORROSIVE
CLASS: 'CORROSIVE MATERIAL LABEL: ● CORROSIVE IATA ARTICLE NO. ● 492
AFR 71-4 SHIPPING NAME: "COMPOUND, CLEANING, LIQUID
CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE MMAC:AB

. * e * * o ADDITIONAL DATA . " . " . .
* MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

DOD 6050.5-M

N S N		ACT CD DATE				PAGE NR	
6860-00-126-7368		A 7s354				2	
• * * •HEALTH AND PHYSICAL PROPERTY DATA ••••							
BOILING POINT	VAP DE N/AIR = 1/	SOL IN H2O	FLASH POINT	V A P	PRESS/MM HG/70 F/	TLV- MIXTURE	STORAGE CODE
*250F	*1.3	'COMPLETE	● NONE		*25	● 25 PPM	*B2
APPEARANCE AND ODOR		LEL/PCT/	UEL/PCT/	SP GR	PCT VOLT BY VOL	EVAP RATE PER REFERENCE	
'CLEAR, COLORLESS LIQUID, AMMONIA ODOR				● 1.2156	*20	● 0.2 BUTYL ACETATE	
EFFECTS OF OVEREXPOSURE				NET PR		WT- AMMO	NET EXP WT
● IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS				*N/A			*N/A
STABLE	CONDITIONS TO AVOID		MATERIALS TO AVOID				
*YES	• TEMPERATURES ABOVE 150F		● ACIDS, OXIDIZERS, FLAMMABLES				
HAZ POLYMERIZATION OCCUR		CONDITIONS TO AVOID		AUTO IGN	TEMP	VISCOSITY	CG AMMO CD
*NO		● N/A		*NONE		"UNKNOWN	*N/A
HAZARDOUS DECOMPOSITION PRODUCTS							
*N/A							
• - - •SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES •**.							
EXTINGUISHING MEDIA				SPECIAL FIRE FIGHTING PROCEDURES			
● WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM				*USE SELF CONTAINED BREATHING APPARATUS			
UNUSUAL FIRE / EXPLOSION HAZARDS				PROTECTIVE GLOVES			
NONE				● RUBBER			
EMERGENCY FIRST AID PROCEDURES							
● EYES AND SKIN- FLUSH WITH WATER FOR 15 MINUTES. INGESTION- DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION. REMOVE TO FRESH AIR, CALL DOCTOR							
TYPE OF RESPIRATORY PROTECTION				VENTILATION			
● SELF CONTAINED BREATHING APPARATUS				● LOCAL RECOMMENDED TO MAINTAIN TLV			
EYE PROTECTION		OTHER PROTECTIVE EQUIPMENT		HANDLING / STORAGE PRECAUTIONS			
● CHEMICAL GOGGLES		'BOOTS, APRON		● STORE IN COOL DRY PLACE			
• • - - SPILL AND LEAK PROCEDURES ••••							
SPILL AND LEAK CONTROL							
● NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE							
WASTE ELIMINATION							
● PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA							
OTHER PRECAUTIONS				SUPPLEMENTAL DATA			
● AVOID CONTACT WITH SKIN AND EYES				● BALANCE OF PRODUCT IS SOAP AND WATER			

3.3.3.1.2 DoD 6050.5-L. The next 2 pages show the format for DOD 6050.5-L. *
Whereas the headers will always appear in the output, the data elements themselves will be deleted for those selected data elements on the outputs marked "YES" in the proprietary field. The output will be on microfiche. The data shown are for illustration purposes. If an item is not on the quarterly, the user should refer to the basic publication for the latest data. Tape outputs are available by special request (see section 4.3).

* * * *

GCL

• - - - HAZARDOUS ITEM ...

N S N	FSCM	MGR	F P IND	PN IND	PART NUMBER/TRADE NAME	ACT	CD	DATE	PAGE NR
6850-00-125-7368	62156	CX	D	A	SCRUB-AWAY	A		76354	1

• * * .GENERAL INFORMATION

PROPRIETARY *YES MANUFACTURER ● JOHNSON PRODUCTS INC EMERGENCY TELE NO (212) 736.1718

ITEM NAME	UI	UI CONTAINER QTY	TYPE OF CONT	NET UNIT WT	MAG/MILGAUS	EXEMPTION NO
● CLEANING COMPOUND	*CN	*1 GAL	● METAL	● 8.50 LB	*N/A	● NIA

*N/A AEROSOL PROPELLANT SPECIFICATION ● MI L-C416

RADIOACTIVITY	FORM	TR GP	NRC LIC NUMBER	CHEMICAL NAME	CHEMICAL FAMILY	FORMULA
*N/A	*N/A	*N/A	● N/A	*N/A	● ALKALI	

• * * * .HAZARDOUS COMPONENTS

NIOSH NO	CHEMICAL NAME	PCT	T L V

• - - - .TRANSPORTATION DATA

DOT SHIPPING NAME: ● COMPOUND, CLEANING, LIQUID

CLASS: 'CORROSIVE MATERIAL LABEL: ● CORROSIVE MODE: ● N/A ID NO NA1760 RQ: *NO

WATER SHIPPING NAME: ● CLEANING COMPOUNDS, LIQUID, CORROSIVE

CLASS: "CORROSIVE MATERIAL LABEL: ● CORROSIVE UN NO: *1759 UN CLASS: ● 8 COM GP: ● N/A DOT: "YES IMCO: ● YES

TARIFF 6-D SHIPPING: ● NIA

CLASS: *N/A LABEL: ● N/A

IATA SHIPPING NAME: ● COMPOUNDS, CLEANING, LIQUID, CORROSIVE

CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE IATA ARTICLE NO: ● 482

AFR 71-4 SHIPPING NAME: ● COMPOUND, CLEANING, LIQUID

CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE MMAC: AB

• * * * * . ADDITIONAL DATA

* MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

ACT	CD	DATE	PAGE
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A 78354 2

BOILING POINT *250F	VAP DEN /AIR = 1/ *1.3	SOL IN H2O ● COMPLETE	FLASH POINT 'NONE	VAP PRESS/MM HG/70 F / *25	TLV-MIXTURE "25 PPM	STORAGE "B2
------------------------	---------------------------	--------------------------	----------------------	-------------------------------	------------------------	----------------

APPEARANCE AND ODOR "CLEAR, COLORLESS LIQUID, AMMONIA ODOR"	LEL/PCT/	UEL/PCT/	SP GR ● 1.2158	PCT VOLT BY VOL *20	EVAP RATE PER REFERENCE "0.2 BUTYL ACETATE"
--	----------	----------	-------------------	------------------------	--

● IRRITATES SKIN. NASAL PASSAGES. CAUSES BURNS	EFFECTS OF OVEREXPOSURE	NET PROP WT-AMMO *N/A	NET EXP WT *N/A
--	-------------------------	--------------------------	--------------------

STABLE		CONDITIONS TO AVOID		MATERIALS TO AVOID	
● YES	'TEMPERATURES ABOVE 150F			● ACIDS, OXIDIZERS, FLAMMABLES	

HAZ POLYMERIZATION OCCUR	● N/A	CONDITIONS TO AVOID	AUTO IGN TEMP	VISCOSITY	CG AMMO	C D
*NO			*NONE	● UNKNOWN	*N/A	

* N/A

• SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES ..'.

<p>EXTINGUISHING MEDIA</p> <p>“WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM</p>	<p>SPECIAL FIRE FIGHTING PROCEDURES</p> <p>● USE SELF CONTAINED BREATHING APPARATUS</p>
---	--

'NONE	UNUSUAL FIRE / EXPLOSION HAZARDS	PROTECTIVE GLOVES *RUBBER.
-------	----------------------------------	-------------------------------

W ● EYES AND SKIN. FLUSH WITH WATER FOR 15 MINUTES. INGESTION. DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR, CALL DOCTOR

	TYPE OF RESPIRATORY PROTECTION	VENTILATION
'SELF CONTAINED BREATHING APPARATUS		'LOCAL RECOMMENDED TO MAINTAIN TLV

EYE PROTECTION		OTHER PROTECTIVE EQUIPMENT		HANDLING / STORAGE PRECAUTIONS
‘CHEMICAL GOGGLES	‘BOOTS, APRON			● STOW IN COOL DRY PLACE

• • • SPILL AND LEAK PROCEDURES • • •

SPILL AND LEAK CONTROL
'NEUTRALIZE WITH 5 PERCENT ACETIC ACID. FLUSH WITH WATER. ABSORB IF POSSIBLE

WASTE ELIMINATION
 ● PL4CE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA

SUPPLEMENTAL DATA

*AVOID CONTACT WITH SKIN AND EYES

DOD 6050.5-M

3.3.3.1.3 Cross-Reference List. The next page shows the format for the **Cross-**reference List. The output **will be** on microfiche. The data shown are for illustration purposes. If the MSDS data **has** not been developed for a particular item the manufacturer's name will **not** appear on the cross-reference list. Tape outputs are available by special request (see section 4.3).

GC XXX

OSS REFERENCE LIST

PART NO/TRADE NAME
SCRUB-AWAY
198-1337

MANUFACTURER
JOHNSON PRODUCTS INC
EASTMAN KODAK CO

NSN
6850-00-125-7368
6750-00-696-1824

3.3.3.2 Paper Outputs

3.3.3.2.1 **Reject** Lists. The next pages show the output format for the Safety Data File Reject List and the Transportation Data File Reject List. The outputs are on paper and are distributed weekly to the focal points from the data bank. The data shown are for illustration purposes.

GCLXXX

SAFETY DATA FILE REJECT LIST

FOC PT D					ACT	ERROR MESSAGE
NSN	FSCM	PT	NO	IND		
881 O-OM68-7424	12346		A		A	INVALID ADD-ITEM IS ALREADY IN MASTER FILE
6610-00%848128	54321		A		c	INVALID CHANGE - ITEM IS NOT IN MASTER FILE
6640-01.111-2624	22608		A		D	INVALID DELETE . ITEM IS NOT IN MASTER FILE

GCLXXX

TRANSPORTATION DATA FILE REJECT LIST

FOC	PT	D			
NSN	FSCM	PT NO	IND	ACT	ERROR MESSAGE
6910-00123-4567	12345	A		A	INVALID ADD - ITEM !S ALREADY IN MASTER FILE
6820-00-456-1379	73116	A		c	INVALID CHANGE - ITEM IS NOT IN MASTER FILE
666000-737-1178	47128	A		D	INVALID DELETE . ITEM IS NOT IN MASTER FILE

3.3.3.2.2 Weekly Output. The next pages show the output format for the Weekly Update List. The outputs are on paper and are distributed weekly to the focal points * from the Data Bank. The data shown are for illustration purposes.

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* * * HAZARDOUS ITEM * * *

GCL	N S N	FSCM	MGR	F P IND	PN IND	PART NUMBER/TRADE NAME	ACT	CD	DATE	PAGE NR
	6650-00-125-7366	62156	Cx	D	A	SCRUB-AWAY	A		76354	1

PROPRIETARY *YES	MANUFACTURER 'JOHNSON PRODUCTS INC	EMERGENCY TELE NO ● (212) 736-1718						
"CLEANING COMPOUND	ITEM NAME	UI ● CN	UI * 1 GAL	CONTAINER QTY	TYPE OF CONT ● METAL	NET UNIT WT *8.50 LB	MAG/MILGAUS N/A	EXEMPTION NO ● NIA
● N/A		AEROSOL PROPELLANT					SPECIFICATION ● MI L-C-43616	
RADIOACTIVITY ● NIA	FORM ● N/A	TR GP *N/A	NRC LIC NUMBER ● N/A	CHEMICAL NAME	● N/A	CHEMICAL FAMILY ● ALKALI	FORMULA ● NIA	

* * * * * HAZARDOUS COMPONENTS * * * * *

NIOSH NO	CHEMICAL NAME	PCT	T L V
* TT2100000	POTASSIUM HYDROXIDE	30	2MG/CUM
WB4905000	SODIUM HYDROXIDE	10	2MG/CUM
VZ4050000	SODIUM CARBONATE	10	UNKNOWN
VZ2275000	SODIUM METABORATE	10	UNKNOWN
BO0875000	AMMONIA	20	25 PPM

* * * * * .TRANSPORTATION DATA * * * * *

DOT SHIPPING NAME: "COMPOUND, CLEANING' LIQUID

CLASS: ● CORROSIVE MATERIAL	LABEL: "CORROSIVE	MODE: "N/A	ID NO: NA1760	RQ: ● NO
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WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID, CORROSIVE

CLASS: ● CORROSIVE MATERIAL	LABEL: ● CORROSIVE	UN NO: ● 1759	UN CLASS: *8	COM GP: ● N/A	DOT: YES	IMCO: ● YES
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TARIFF 6-D SHIPPING: ● NIA

CLASS 'N/A	LABEL: ● N/A
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IATA SHIPPING NAME: ● COMPOUNDS, CLEANING, LIQUID, CORROSIVE

CLASS: ● CORROSIVE MATERIAL	LABEL: ● CORROSIVE	IATA ARTICLE NO: ● 492
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AFR 71-4 SHIPPING NAME: ● COMPOUND, CLEANING, LIQUID

CLASS: "CORROSIVE MATERIAL	LABEL: ● CORROSIVE	MMAC:AB
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* * * * * .ADDITIONAL DATA * * * * *

•MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

3-77

N S N		ACT CD DATE		PAGE NR	
6860-00-125-7366		A 78364		2	
• * * • HEALTH AND PHYSICAL PROPERTY DATA ••••					
BOILING POINT *250F		VAP D EN/AIR = 1/ * 1.3		SOL IN H2O ● COMPLETE	
FLASH POINT		V A P PRESS/MM HG/70 F/ *25		TLV- MIXTURE ● 25 PPM	
APPEARANCE AND ODOR ● CLEAR, COLORLESS LIQUID, AMMONIA ODOR		LEL/PCT/		UEL/PCT/	
6P GR "1.2166		PCT VOLT BY VOL *20		EVAP RATE PER REFERENCE ● 0.2 BUTY L ACETATE	
EFFECTS OF OVEREXPOSURE ● IRR] TATES SKIN, NASAL PASSAGES, CAUSES BURNS		NET PROP WT- AMMO *N/A		NET EXP WT *N/A	
STABLE *YES		CONDITIONS TO AVOID TEMPERATURES ABOVE 150F		MATERIALS TO AVOID ● ACIDS, OXIDIZERS, FLAMMABLES	
HAZ POLYMERIZATION OCCUR *NO		CONDITIONS TO AVOID		AUTO IGN TEMP *NONE	
● N/A		HAZARDOUS DECOMPOSITION PRODUCTS		VISCOSITY ● UNKNOWN	
CG AMMO CD *N/A					
• * * * SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES ••••					
EXTINGUISHING MEDIA ● WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM		SPECIAL FIRE FIGHTING PROCEDURES ● USE SELF CONTAINED BREATHING APPARATUS			
*NONE		UNUSUAL FIRE / EXPLOSION HAZARDS		PROTECTIVE GLOVES ● RUBBER	
EMERGENCY FIRST AID PROCEDURES EYES AND SKIN-FLUSH WITH WATER FOR 15 MINUTES. INGESTION-DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR, CALL DOCTOR					
TYPE OF RESPIRATORY PROTECTION ● SELF CONTAINED BREATHING APPARATUS		VENTILATION ● LOCAL RECOMMENDED TO MAINTAIN TLV			
EYE PROTECTION CHEMICAL GOGGLES		OTHER PROTECTIVE EQUIPMENT ● BOOTS. APRON		HANDLING / STORAGE PRECAUTIONS ● STORE IN COOL DRY PLACE	
• * * * SPILL AND LEAK PROCEDURES ••••					
SPILL AND LEAK CONTROL NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE					
WASTE ELIMINATION ● PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA					
OTHER PRECAUTIONS AVOID CONTACT WITH SKIN AND EYES		SUPPLEMENTAL DATA ● BALANCE OF PRODUCT IS SOAP AND WATER			

3.3.3.2.3 Special Interrogation Replies

* 3.3.3.2.3.1 By Hazard Class for each mode of Transportation. This section shows the format of both the list of NSN, **FSCM**, P/N Indicators that matched a sample hazard class and the total file output. The first page shows the list and the second and third pages show the total file output. The requestor would get either page 1 or pages 2 and 3, but not both. The data shown are for illustration purposes.

GCLXXX

SPECIAL INTERROGATION

INTERROGATING FOCAL POINT D

TARIFF ~~6D~~ CLASS: FLAMMABLE LIQUID

NSN	FSCM	PN IND	F P IND
6810-00-123-4567	73164	A	D
6850-00-123-4572	2s113	A	D

* SPECIAL INTERROGATION *

N S N		FSCM	MGR	F P	IND	PN	IND	PART NUMBER, TRADE NAME		ACT	CD	DATE	PAGE	Nr
6350 00 125 /368		62156	CX		D		A	"SCRUB-AWAY		A		78354	1	
. . . . GENERAL INFORMATION " . ' .														
PROPRIETARY		MANUFACTURER			EMERGENCY			TELE NO						
YES		JOHNSON PRODUCTS INC			(212) /361718									
ITEM NAME		UI	UI	CONTAINER	QTY	TYPE OF CONT		NET UNIT WT	MAG/MILGAUS	EXEMPTION NO				
"CLEANING COMPOUND		"CN	"	GAL		"METAL		.8.50 LB	● N/A	"N/A				
		AEROSOL PROPELLANT			SPECIFICATION									
N A		"MIL-C-43616												
RADIOACTIVITY		FORM	TR GP	NRC LIC	NUMBER	CHEMICAL NAME		CHEMICAL FAMILY		FORMULA				
"N A		"N A	"N/A	"N A		"NA		"ALKALI		"N A				
. . . . HAZARDOUS COMPONENTS " ... "														
NIOSH NO.		CHEMICAL NAME							PCT	T L V				
TT2 00000		POTASSIUM HYDROXIDE							30	2MG/CUM				
WB4905000		SODIUM HYDROXIDE							10	2MG/CUM				
VZ4050000		SODIUM CARBONATE							10	UNKNOWN				
VZ2275000		SODIUM METABORATE							10	UNKNOWN				
BO0875000		AMMONIA							20	25PPM				
. . . . TRANSPORTATION DATA " . ' . "														
DOT SHIPPING NAME: " COMPOUND. CLEANING, LIQUID														
CLASS: "CORROSIVE MATERIAL		LABEL: ● CORROSIVE			MODE: "N/A		ID NO: NA1760		RQ: ● NO					
WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID, CORROSIVE														
CLASS: "CORROSIVE MATERIAL		LABEL: .CORROSIVE			UN NO: "1759		UN CLASS: ● 8		COM GP: ● N/A		DOT: "YES		IMCO: ● YES	
TARIFF 6-D SHIPPING: "N/A														
CLASS: "N/A		LABEL: " N/A												
IATA SHIPPING NAME: " COMPOUNDS, CLEANING, LIQUID, CORROSIVE														
CLASS: ● CORROSIVE MATERIAL		LABEL: "CORROSIVE			IATA ARTICLE NO: " ● 492									
AFR 714 SHIPPING NAME: " COMPOUND, CLEANING, LIQUID														
CLASS "CORROSIVE MATERIAL		LABEL: ● CORROSIVE			MMAC: AB									
. . * * * . ADDITIONAL DATA . '														
" MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE														
. * * * * . INTERROGATION REPLY DATA . " . . . "														
INTERROGATING FOCAL POINT: D		DATA ELEMENT INTERROGATED: DOT CLASS			CORROSIVE MATERIAL									

3-80

N S N		• * * •HEALTH AND PHYSICAL PROPERTY DATA ••••										ACT CD DATE		PAGE NR	
6850-00-125-7368												A 78354		2	
BOILING POINT		VAP DEN/AIR = 1/		SOL IN H2O		FLASH POINT		V A P PRESS/MM HG/70 F/		TLV MIXTURE		STORAGE CODE			
*250F		*1.3		● COMPLETE		● NONE		*25		● 25 PPM		*B2			
APPEARANCE AND ODOR		LEL/PCT/		UEL/PCT/		SP GR		PCT VOLT BY VOL		EVAP RATE PER REFERENCE					
● CLEAR, COLORLESS LIQUID, AMMONIA ODOR						● 1.2156		*20		"0.2 BUTYL ACETATE					
EFFECTS OF OVEREXPOSURE		NET PR>P WT- AMMO		NET EXP WT											
● IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS		*N/A		*N/A											
STABLE		CONDITIONS TO AVOID		MATERIALS TO AVOID											
*YES		● TEMPERATURES ABOVE 150F		● ACIDS, OXIDIZERS, FLAMMABLES											
HAZ POLYMERIZATION OCCUR		CONDITIONS TO AVOID		AUTO IGN TEMP		VISCOSITY		CG AMMO CD							
*NO		*N/A		*NONE		● UNKNOWN		*N/A							
HAZARDOUS DECOMPOSITION PRODUCTS															
*N/A															
• ...SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES ••••															
EXTINGUISHING MEDIA				SPECIAL FIRE FIGHTING PROCEDURES											
'WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM				● USE SELF CONTAINED BREATHING APPARATUS											
UNUSUAL FIRE / EXPLOSION HAZARDS				PROTECTIVE GLOVES											
● NONE				● RUBBER											
EMERGENCY FIRST AID PROCEDURES															
*EYES AND SKIN FLUSH WITH WATER FOR 15 MINUTES. INGESTION DO NOT INDUCE VOMITING. CALL DOCTOR IMMEDIATELY. inhalation. REMOVE TO FRESH AIR, CALL DOCTOR															
TYPE OF RESPIRATORY PROTECTION				VENTILATION											
● SELF CONTAINED BREATHING APPARATUS				● LOCAL RECOMMENDED TO MAINTAIN TLV											
EYE PROTECTION		OTHER PROTECTIVE EQUIPMENT		HANDLING / STORAGE PRECAUTIONS											
● CHEMICAL GOGGLES		● BOOTS. APRON		● STORE IN COOL DRY PLACE											
• - - - SPILL AND LEAK PROCEDURES ••••															
SPILL AND LEAK CONTROL															
● NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE															
WASTE ELIMINATION															
'PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA															
OTHER PRECAUTIONS															
● AVOID CONTACT WITH SKIN AND EYES															
SUPPLEMENTAL DATA															
● BALANCE OF PRODUCT IS SOAP AND WATER															

* 3.3.3.2.3.2 By Hazardous Ingredient. This section shows the format of both the list of NSN, **FSCM**, P/N Indicators that matched a sample **NIOSH** Code and the total file output. The first page shows the list and the second and third pages show the total file output. The requestor would get either page 1 or pages 2 and 3, but not both. The data shown are for illustration purposes.

GCLXXX

SPECIAL INTERROGATION

INTERROGATING FOCAL POINT: D

NIOSH CODE: CY1400000

NSN	FSCM	PN IND	F P IND
6810-00-123-4567	73104	A	o
62s0-0012\$4s72	25113	A	D

*

SPECIAL INTERROGATION

NSN	FSCM	MGR	F P IND	PN IND	PART NUMBER	TRADE NAME	ACT	CD	DATE	PAGE NR
6350001251368	62156	CX	D	A		SCRUB AWAY	A		78354	

GENERAL INFORMATION " " " "

PROPRIETARY	MANUFACTURER	EMERGENCY TELE NO
YES	JOHNSON PRODUCTS INC	(212) /361718

ITEM NAME	UI	UI CONTAINER	QTY	TYPE OF CONT	NET UNIT WT	MAG MIL GAUS	EXEMPTION NO
CLEANING COMPOUND	"CN	"1 GAL		* METAL	" 8.50 LB	"N A	"N A

AEROSOL PROPELLANT

NA							SPECIFICATION
							MIL C 43616

RADIOACTIVITY	FORM	TR GP	NRC LIC NUMBER	CHEMICAL NAME	CHEMICAL FAMILY	FORMULA
"N A	"N A	"N A	"N A	"N A	● ALKALI	"N A

HAZARDOUS COMPONENTS " " " "

NIOSH NO	CHEMICAL NAME	PCT	T L V
112 00000	POTASSIUM HYDROXIDE	30	2MG CUM
WB4905000	SODIUM HYDROXIDE	10	2MG CUM
VZ4050000	SODIUM CARBONATE	10	UNKNOWN
VZ2275000	SODIUM METABORATE	10	UNKNOWN
BO0875000	AMMONIA	20	25PPM

TRANSPORTATION DATA " " " "

DOT SHIPPING NAME: "COMPOUND, CLEANING, LIQUID

CLASS: "CORROSIVE MATERIAL LABEL: "CORROSIVE MODE: "N/A IDNO: NA1760 RQ: "NO

WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID, CORROSIVE

CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE UN NO: ● 1759 UN CLASS: *8 COM GP: ● N A DOT "YES IMCO: "YES

TARIFF 6-D SHIPPING: ● N/A

CLASS: "N/A LABEL: ● N/A

IATA SHIPPING NAME: "COMPOUNDS, CLEANING, LIQUID, CORROSIVE

CLASS "CORROSIVE MATERIAL , LABEL: ● CORROSIVE IATA ARTICLE NO: "492

AFR 4 SHIPPING NAME: ● COMPOUND, CLEANING, LIQUID

CLASS "CORROSIVE MATERIAL LABEL: "CORROSIVE MMAC: AB

ADDITIONAL DATA " " " "

" MANUFACTURE R VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE Applicable

INTERROGATION REPLY DATA* " " " "

INTERROGATING FOCAL POINT: D DATA ELEMENT INTERROGATED: NIOSH CODE (CY 1400000

3-84



N S N
 6850-00-125-7368

ACT CD DATE PAGE NR
 A 76354 2

• + * • HEALTH AND PHYSICAL PROPERTIES DATA • • • •

BOILING POINT ● 250F	VAPOR DENSITY/AIR = 1/ *1.3	SOLUBLE IN H ₂ O ● COMPLETE	FLASH POINT ● NONE	VAPOR PRESS/MM HG/70 F/ *25	TLV- MIXTURE ● 25 PPM	STORAGE CODE *B2
APPEARANCE AND ODOR ● CLEAR, COLORLESS LIQUID, AMMONIA ODOR			LEL/PCT/ ●	UEL/PCT/ ●	SP GR ● 1.2166	PCT VOLT BY VOL *20
EFFECTS OF OVEREXPOSURE ● IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS			EVAP RATE PER REFERENCE "0.2 BUTYL ACETATE		NET PROP WT- AMMO *N/A	
CONDITIONS TO AVOID STABLE *YES			MATERIALS TO AVOID ● ACIDS, OXIDIZERS, FLAMMABLES		NET EXP WT *N/A	
HAZ POLYMERIZATION OCCUR *NO			HAZARDOUS DECOMPOSITION PRODUCTS *N/A		CG AMMO CD *N/A	
HAZ POLYMERIZATION OCCUR *NO			HAZARDOUS DECOMPOSITION PRODUCTS *N/A		CG AMMO CD *N/A	

• * * * SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES • • •

EXTINGUISHING MEDIA "WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM	SPECIAL FIRE FIGHTING PROCEDURES ● USE SELF CONTAINED BREATHING APPARATUS
UNUSUAL FIRE / EXPLOSION HAZARDS ● NONE	PROTECTIVE GLOVES ● RUBBER
EMERGENCY FIRST AID PROCEDURES ● EYES AND SKIN-FLUSH WITH WATER FOR 15 MINUTES. INGESTION-DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR, CALL DOCTOR	
TYPE OF RESPIRATORY PROTECTION ● SELF CONTAINED BREATHING APPARATUS	"VENTILATION ● LOCAL RECOMMENDED TO MAINTAIN TLV
EYE PROTECTION ● CHEMICAL GOGGLES	HANDLING / STORAGE PRECAUTIONS ● STORE IN COOL DRY PLACE
OTHER PROTECTIVE EQUIPMENT ● BOOTS, APRON	

• - - - SPILL AND LEAK PROCEDURES • • • •

SPILL AND LEAK CONTROL
 "NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE

WASTE ELIMINATION
 "PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA

OTHER PRECAUTIONS
 "AVOID CONTACT WITH SKIN AND EYES

SUPPLEMENTAL DATA
 ● BALANCE OF PRODUCT IS SOAP AND WATER

* 3.3.3 .2.3.3 By Storage Compatibility Code. This section shows the format of both the list of NSN, **FSCM**, P/N Indicators that matched a sample storage code and the file output. The first page shows the list and the second and third pages show the total file output. The requester would **get** either page 1 or **pages** 2 and 3, but not both. The data shown are for illustration purposes.

GCLXXX		SPECIAL INTERROGATION			
INTERROGATING FOCAL PO N O					
STORAGE CODE: F2					
NSN	FSCM	PN IND	E	P	IND
6810-00-123-4567	73164	A			D
6850-00-123-4572	25113	A			D

* SPECIAL INTERROGATION *

N S N	FSC	MGR	F P ND	PN ND	PART NUMBER/TRADE NAME	ACT CD	DATE	PAGE N R
8850001257368	62156	CX	D	A	SCRUB AWAY	A	78354	

GENERAL INFORMATION

PROPRIETARY " YES	MANUFACTURER JOHNSON PRODUCTS INC	EMERGENCY TELE NO (212) 7361718
ITEM NAME CLEANING COMPOUND	UI . UI CONTAINER QTY ● CN . ! GAL	TYPE OF CONT * METAL
NET UNIT WT " 8.50 LB	MAG/MILGAUS " N/A	EXEMPTION NO " N/A
NA	SPECIFICATION . MIL-C-43616	
RADIOACTIVITY " N A	FORM " N. A	TR GP " N/A
NRC LIC NUMBER ● NA	CHEMICAL NAME	CHEMICAL FAMILY
● N/A	● ALKALI	● NIA
HAZARDOUS COMPONENTS		

NIOSH NO	CHEMICAL NAME	PCT	T L V
TT2 00000	POTASSIUM HYDROXIDE	30	2MG/CUM
WB4905000	SODIUM HYDROXIDE	10	2MG/CUM
VZ4050G00	SODIUM CARBONATE	10	UNKNOWN
VZ2275000	SODIUM METABORATE	10	UNKNOWN
BO0875000	AMMONIA	20	25PPM

TRANSPORTATION DATA

DOT SHIPPING NAME: ● COMPOUND, CLEANING, LIQUID

CLASS: ● CORROSIVE MATERIAL LABEL: * CORROSIVE MODE: ● N/A ID NO: NA1760 RQ: *NO

WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID. CORROSIVE

CLASS: ● CORROSIVE MATERIAL LABEL: .CORROSIVE UN NO: ● 1759 UN CLASS: ● 8 COM GP: *N/A DOT: ● YES IMCO: " YES

TARIFF 6-D SHIPPING: * N/A

CLASS: *N/A LABEL: " N/A

IATA SHIPPING NAME: .COMPOUNDS, CLEANING, LIQUID. CORROSIVE

CLASS: "CORROSIVE MATERIAL LABEL: ● CORROSIVE IATA ARTICLE NO: *492

AFR 71.4 SHIPPING NAME: ' COMPOUND, CLEANING, LIQUID

CLASS: ● CORROSIVE MATERIAL LABEL: ● CORROSIVE MMAC: AB

ADDITIONAL DATA

MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

INTERROGATION REPLY DATA

INTERROGATING FOCAL POINT: D DATA ELEMENT INTERROGATED: STORAGE CODE F2

N S N
6850-00-125-7368

ACT CD DATE PAGE NR

A 78354 2

• * * •HEALTH AND PHYSICAL PROPERTY DATA

BOILING POINT VAP DEN/AIR = 1/ SOL IN H2O FLASH POINT V A P PRESS/MM HG/70 F/ TLV- MIXTURE STORAGE CODE
*250F *1.3 ● COMPLETE ● NONE *25 ● 25 PPM *B2

APPEARANCE AND ODOR LEL/PCT/ UEL/PCT/ SP GR PCT VOLT BY VOL EVAP RATE PER REFERENCE
*CLEAR, COLORLESS LIQUID, AMMONIA ODOR ● 1.2156 *20 ● 0.2 BUTYL ACETATE

EFFECTS OF OVEREXPOSURE NET PRO WT- AMMO NET EXP WT
● IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS *N/A *N/A

STABLE CONDITIONS TO AVOID MATERIALS TO AVOID
*YES ● TEMPERATURES ABOVE 150F *ACIDS, OXIDIZERS, FLAMMABLES

HAZ POLYMERIZATION OCCUR CONDITIONS TO AVOID AUTO IGN TEMP VISCOSITY CG AMMO CD
*NO ● N/A *NONE ● UNKNOWN *N/A

HAZARDOUS DECOMPOSITION PRODUCTS
● NIA

• * * •SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES ...*

EXTINGUISHING MEDIA SPECIAL FIRE FIGHTING PROCEDURES
● WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM ● USE SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE / EXPLOSION HAZARDS PROTECTIVE GLOVES
● RUBBER

EMERGENCY FIRST AID PROCEDURES
● EyEs AND SKIN-FLUSH WITH WATER FOR 15 MINUTES. INGESTION-DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION- REMOVE TO FRESH AIR, CALL DOCTOR

TYPE OF RESPIRATORY PROTECTION VENTILATION
‘SELF CONTAINED BREATHING APPARATUS ● LOCAL RECOMMENDED TO MAINTAIN TLV

EYE PROTECTION OTHER PROTECTIVE EQUIPMENT HANDLING / STORAGE PRECAUTIONS
‘CHEMICAL GOGGLES ● BOOTS, APRON ● STORE IN COOL DRY PLACE

• - - - SPILL AND LEAK PROCEDURES ...*

SPILL AND LEAK CONTROL
● NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE

WASTE ELIMINATION
● PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA

OTHER PRECAUTIONS SUPPLEMENTAL DATA
● AVOID CONTACT WITH SKIN AND EYES ● BALANCE OF PRODUCT IS SOAP AND WATER

3.3.3.2.3.4 **By** Specification Number. **This** section shows the format of both the list of NSN, **FSCM**, P/N Indicators that matched a sample specification **number** and the total file output. The first page shows the list and the second and third pages show the total file output. The **requestor would get either page 1 or pages 2 and 3, but not both.** The data shown are for illustration purposes.

GCLXXX

SPECIAL INTERROGATION

INTERROGATING FOCAL POINT: D

SPECIFICATION: MIL-C-45678

NSN	FSCM	PN IND	F P IND
681-123 23-4567	73164	A	D
6850-00-1 23.4672	3s113	A	D

*

"SPECIAL INTERROGATION"

NSN FSCM MGR F P IND PN IND PART NUMBER/TRADE NAME ACT CD DATE PAGE NR
6850001257368 62156 CX D A SCRUB AWAY A 78354 1

* * * * GENERAL INFORMATION " ...

PROPRIETARY MANUFACTURER EMERGENCY TELE NO
'YES JOHNSON PRODUCTS INC (212) 7361718
ITEM NAME UI UI CONTAINER CITY TYPE OF CONT NET UNIT WT MAG/MILGAUS EXEMPTION NO
"CLEANING COMPOUND" ●CN '1 GAL ●METAL .8.50 LB ●N/A *N/A
SPECIFICATION
'N/A 'MIL C-43616
RADIOACTIVITY FORM TR GP NRC LIC NUMBER CHEMICAL NAME CHEMICAL FAMILY FORMULA
"N/A" ●NA .N/A *N/A ●NiA ●ALI(AL("N/A

* * * * HAZARDOUS COMPONENTS ' ...'

NIOSH NO CHEMICAL NAME PCT T L V
TT2100000 POTASSIUM HYDROXIDE 30 2MG/CUM
WB4905000 SODIUM HYDROXIDE 10 2MG/CUM
3-92 VZ4050000 SODIUM CARBONATE 10 UNKNOWN
VZ2275000 SODIUM METABORATE 10 UNKNOWN
600875000 AMMONIA 20 25PPM

* * * * * TRANSPORTATION DATA *...*

DOT SHIPPING NAME: ●COMPOUND, CLEANING, LIQUID
CLASS: ●CORROSIVE MATERIAL LABEL: * CORROSIVE MODE: ●N/A ID NO: NA1760 RQ: ●NO
WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID, CORROSIVE
CLASS: ●CORROSIVE MATERIAL LABEL: " CORROSIVE UN NO: "1759 UN CLASS: *8 COM GP: ●N/A DOT: ●YES IMCO: ●YES
TARIFF 6-D SHIPPING: ●N/A
CLASS: *N/A LABEL: ●N/A
;ATA SHIPPING NAME: * COMPOUNDS, CLEANING, LIQUID, CORROSIVE
CLASS: ●CORROSIVE MATERIAL LABEL: 'CORROSIVE IATA ARTICLE NO: "492
AFR 714 SHIPPING NAME: * COMPOUND, CLEANING, LIQUID
CLASS: ●CORROSIVE MATERIAL LABEL: "CORROSIVE MMAC: AB

* * * * * ADDITIONAL DATA *...*

" MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

* * * * * INTERROGATION REPLY DATA*

INTERROGATING FOCAL POINT: D DATA ELEMENT INTERROGATED: SPECIFICATION MI L-C-45678

3-93

N S N
6850-00-125-7388

• * * • HEALTH AND PHYSICAL PROPERTY DATA

BOILING POINT *250F VAP DEN/AIR = 1/ *1.3. SOL IN H2O • COMPLETE FLASH POINT • NONE V A P PRESS/MM HG/70 F/ *25 TLV- MIXTURE • 25 PPM STORAGE CODE *B2

APPEARANCE AND ODOR
• CLEAR, COLORLESS LIQUID, AMMONIA ODOR

LEL/PCT/ UEL/PCT/ SP GR • 1.2156 PCT VOLT BY VOL *20 EVAP RATE PER REFERENCE • 0.2 BUTYL ACETATE

EFFECTS OF OVEREXPOSURE
• IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS

STABLE *YES * TEMPERATURES ABOVE 150F CONDITIONS TO AVOID

HAZ POLYMERIZATION OCCUR *NO • NIA CONDITIONS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS

*N/A

• - - • SAFETY STORAGE HANDLING AND FIRE FIGHTING PROCEDURES

EXTINGUISHING MEDIA
• WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM

SPECIAL FIRE FIGHTING PROCEDURES
'USE SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE / EXPLOSION HAZARDS

PROTECTIVE GLOVES
• RUBBER

EMERGENCY FIRST AID PROCEDURES
• EyEs AND SKIN- FLUSH WITH WATER FOR 15 MINUTES. INGESTION-DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR, CALL DOCTOR

TYPE OF RESPIRATORY PROTECTION
• SELF CONTAINED BREATHING APPARATUS

VENTILATION
• LOCAL RECOMMENDED TO MAINTAIN TLV

EYE PROTECTION
• CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT
• BOOTS, APRON

HANDLING / STORAGE PRECAUTIONS
• STORE IN COOL DRY PLACE

• - - • SPILL AND LEAK PROCEDURES ...

SPILL AND LEAK CONTROL
• NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB IF POSSIBLE

WASTE ELIMINATION
*PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA

OTHER PRECAUTIONS
• AVOID CONTACT WITH SKIN AND EYES

SUPPLEMENTAL DATA
• BALANCE OF PRODUCT IS SOAP AND WATER

* 3.3.3 .2.3.5 NIIN Inquiry Listing. This section shows the format of the **total file output. For any requested NSN the** requestor would receive both pages. The data shown are for illustration purposes.

" SPECIAL INFORMATION "

NSN	FSCN	MGR	F P ID	PN ID	PART NUMBER/TRADE NAME	ACT CD	DATE	PAGE Nr
685000 1 257358	62156	Cx	D	A	SCRUB AWAY	A	78364	1

GENERAL INFORMATION * * *

PROPRIETARY YES	MANUFACTURER JOHNSON PRODUCTS INC	EMERGENCY TELE NO (212) 1361718				
ITEM NAME CLEANING COMPOUND	UI .CN	UI CONTAINER QTY .1 GAL	TYPE OF CONT .METAL	NET UNIT WT 8.60 LB	MAG/MILGAUS N/A	EXEMPTION NO N/A
"NA	HAZARDOUS COMPONENTS * * * " "				SPECIFICATION "MIL-C-43616"	
RADIOACTIVITY "NA	FORM N/A	TR GP .N/A	NRC LIC NUMBER N/A	CHEMICAL NAME ALKALI	CHEMICAL FAMILY FORMULA	

N10SH NO	CHEMICAL NAME	PCT	T L V
TT2:00000	POTASSIUM HYDROXIDE	30	2MG/CUM
WB4905000	SODIUM HYDROXIDE	10	2MG/CUM
VZ4050000	SODIUM CARBONATE	10	UNKNOWN
VZ2275000	SODIUM METABORATE	10	UNKNOWN
BO0875000	AMMONIA	20	25PPM

TRANSPORTATION DATA * * * " "

DOT SHIPPING NAME: " COMPOUND, CLEANING. LIQUID

CLASS : " CORROSIVE MATERIAL LABEL: .CORROSIVE MODE: *N/A ID NO NA1760 RQ: .NO

WATER SHIPPING NAME: "CLEANING COMPOUNDS, LIQUID, CORROSIVE

CLASS: "CORROSIVE MATERIAL LABEL: " CORROSIVE UN NO: * 1759 UN CLASS: . 8 COM GP: . N:A DOT: "YES IMCO: " YES

TARIFF 6-D SHIPPING: .N/A

CLASS: *N/A LABEL: .N/A

IATA SHIPPING NAME: * COMPOUNDS, CLEANING, LIQUID, CORROSIVE,

CLASS: . CORROSIVE MATERIAL LABEL: "CORROSIVE IATA ARTICLE NO: *492

AFR 71-4 SHIPPING NAME: " COMPOUND, CLEANING. LIQUID

CLASS 'CORROSIVE MATERIAL LABEL: "CORROSIVE MMAC: AB

ADDITIONAL DATA

* MANUFACTURER VERIFIED THAT SHIPPING NAMES GIVEN ABOVE ARE APPLICABLE

INTERROGATION REPLY D A T A * * " * '

INTERROGATING FOCAL POINT: D DATA ELEMENT INTERROGATED: NIIN 1NQUIR% 6660001257388

N S N

6850-00-125-7368

ACT CD DATE PAGE NR

A 7s354 2

.....HEALTH AND PHYSICAL PROPERTY DATA

BOILING POINT VAP DEN/AIR = 1/ SOL IN H2O FLASH POINT V A ? PRESS/MM HG/70 F/ TLV- MIXTURE STORAGE CODE
 *250F *1.3 *COMPLETE • NONE *25 • 25 PPM *82

APPEARANCE AND ODOR LEL/PCT/ UEL/PCT/ SF GR PCT VOLT BY VOL EVAP RATE PER REFERENCE
 • CLEAR, COLORLESS LIQUID, AMMONIA ODOR • 1,215S *20 • 0.2 BUTYL ACETATE

IRRITATES SKIN, NASAL PASSAGES, CAUSES BURNS EFFECTS OF OVEREXPOSURE NET PR JP WT- AMMO NET EXP WT
 STABLE *YES • TEMPERATURES ABOVE 150F CONDITIONS TO AVOID *ACIDS, OXIDIZERS, Flammables *N/A *N/A

HAZ POLYMERIZATION OCCUR CONDITIONS TO AVOID MATERIALS TO AVOID AUTO IGN TEMP VISCOSITY CG AMMO CD
 *NO • N/A *NONE • UNKNOWN *N/A

HAZARDOUS DECOMPOSITION PRODUCTS

• Nil

* * * .SAFETY STORAGE HANDLING AND FIRE "FIGHTING PROCEDURES

EXTIN GUSHING MEDIA SPECIAL FIRE FIGHTING PROCEDURES
 *WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM *USE SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE / EXPLOSION HAZARDS

PROTECTIVE GLOVES :
 • RUBBER

• NONE

EMERGENCY FIRST AID PROCEDURES
 EYES AND SKIN-FLUSH WITH WATER FOR 15 MINUTES. INGESTION-DO NOT INDUCE VOMITING, CALL DOCTOR IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR, CALL DOCTOR

TYPE OF RESPIRATORY PROTECTION;
 *SELF CONTAINED BREATHING APPARATUS

VENTILATION
 "LOCAL RECOMMENDED TO MAINTAIN TLV

EYE PROTECTION
 • CHEMICAL GOGGLES

"BOOTS, APRON

OTHER PROTECTIVE EQUIPMENT

HANDLING I STORAGE PRECAUTIONS
 • STORE IN COOL DRY PLACE

* * * * SPILL AND LEAK PROCEDURES * * * *

SPILL AND LEAK CONTROL
 *NEUTRALIZE WITH 5 PERCENT ACETIC ACID, FLUSH WITH WATER, ABSORB. I F POSSIBLE

WASTE ELIMINATION

• PLACE ABSORBED MATERIAL IN DOT CONTAINERS SUITABLE FOR SHIPPING CORROSIVE MATERIALS TO DISPOSAL AREA

OTHER PRECAUTIONS

• AVOID CONTACT WITH SKIN AND EYES

SUPPLEMENTAL DATA

• BALANCE OF PRODUCT IS SOAP AND WATER

3.3.3.2.3.6 Freedom of Information Act (FOI) Requests. FOI requests will be in the same format as DoD 6050.5-L shown in section" 3.3.3.1.2. *

3.3.3 .2.3.6 Freedom of Information Act (FOI) Requests. FOI requests will be in the same format as the Restricted Hazardous Information List shown in section 3.3.3.1.2.

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